

## Design and Construction of Concrete Pavements

May 20, 2003 (#538)

WSDOT Everett Maintenance Facility, 709 N. Broadway,  
Everett, WA (425) 339-1780

October 28, 2003 (#539)

WSDOT Eastern Region Headquarters,  
Whitman North/South Room, 2714 N. Mayfair Street,  
Spokane, WA (509) 324-6084

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**Cost:** Free

**Time:** 9:00 a.m. to 4:00 p.m.

**Class Size:** 35

**Instructors:** Jim Powell and Jim Tobin  
American Concrete Pavement Association

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**Target Audience:** Individuals involved in the design or construction of concrete pavements including city and county public works officials, consulting engineers, architects, contractors, and concrete industry representatives.

**Course Description:** This course will cover the key considerations related to design, construction, and materials for concrete streets and local roads. Topics covered will include thickness design, joint layout, construction inspection, and materials quality, proportioning, and performance. Special emphasis will also be placed on ultra-thin whitetopping, a relatively new technique for overlaying urban streets, rural roads, parking areas, intersections, and light duty airports.

### **Instructors:**

Jim Powell, P.E., is the Executive Director for the Northwest Chapter of the American Concrete Pavement Association and has worked in design, construction, and research of concrete pavements and materials. Before joining ACPA, he spent seven years with the Federal Highway Administration (FHWA) as a member of the materials group in Washington, D.C., and as the Construction and Quality Engineer in the Washington State office. During that time, he also served as the principal instructor for the National Highway Institute's Portland Cement Concrete Materials Course.

Jim Tobin, Pavement Construction Specialist for the Northwest Chapter of the American Concrete Pavement Association, worked 25 years with the Washington State Department of Transportation (WSDOT) before retiring in October 2000. During his career with the WSDOT, he worked exclusively in the regional construction division as a field inspector, construction trainer, Construction Assistant, and for the last five years of his tenure was the Regional

Assistant Construction Engineer. Jim was a leading member of the team that developed the WSDOT inspector training program and has been instrumental in development of the Standard Specifications and training used by WSDOT and the construction industry. He represented the state on the FHWA-sponsored nationwide inspector certification program team.

**Registration:**

Here is our link: [On-line Registration Form](#) Fill in your information, select your class from the list, then press "Submit." You may include a purchase order number if your agency requires it. We do not need a hard copy of the purchase order. A registration notice is e-mailed when we process your request. Confirmation letters are mailed three weeks prior to the class and will have driving directions to the training site. If you are unable to attend, someone else from your agency may attend in your place. To cancel your registration, or for assistance with registration, e-mail [wst2center@wsdot.wa.gov](mailto:wst2center@wsdot.wa.gov) or [schmidw@wsdot.wa.gov](mailto:schmidw@wsdot.wa.gov) , or phone (360) 705-7386.

**Washington State Technology Transfer's Web Page:** [www.wsdot.wa.gov/TA/T2Center/t2hp.htm](http://www.wsdot.wa.gov/TA/T2Center/t2hp.htm)